

=> s fluoro-copolymer# or fluorocopolymer#

L1 283 FLUORO-COPOLYMER# OR FLUOROCOPOLYMER#

=> s 11 and tetrafluoroethylene#

L2 133 L1 AND TETRAFLUOROETHYLENE#

=> s 12 and (hydrocarbon vinyl compound# or hydroxybutyl vinyl ether# or glycidyl vin

1 FILES SEARCHED...

L3 13 L2 AND (HYDROCARBON VINYL COMPOUND# OR HYDROXYBUTYL VINYL ETHER
OR GLYCIDYL VINYL ETHER#)

=> s 13 and fluorine containing copolymer#

L4 5 L3 AND FLUORINE CONTAINING COPOLYMER#

=> d 14 1-5

L4 ANSWER 1 OF 5 EUROPATFULL COPYRIGHT 2002 WILA

Full
 Text

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 1160298 EUROPATFULL ED 20011213 EW 200149 FS OS

TIEN AQUEOUS DISPERSION OF **FLUOROCOPOLYMER** AND COMPOSITION FOR WATER-BASED COATING MATERIAL.

TIDE WAESSRIGE DISPERSION VON FLUORPOLYMER UND SEINE VERWENDUNG IN WASSER-GETRAGENEN BESCHICHTUNGEN.

TIFR DISPERSION AQUEUSE DE COPOLYMORE FLUORE ET COMPOSITION POUR SUBSTANCE D'ENDUCTION A BASE D'EAU.

IN TAKAKURA, Teruo, Asahi Glass Company Ltd., 10, Goikaigan, Ichihara-shi, Chiba 290-8566, JP;
ISHIDA, Toru, Asahi Glass Company Ltd., 10, Goikaigan, Ichihara-shi, Chiba 290-8566, JP;
ICHIKUNI, Naomi, Asahi Glass Company Ltd., 10, Goikaigan, Ichihara-shi, Chiba 290-8566, JP

PA ASAHI GLASS COMPANY LTD., 12-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo 100-8405, JP

SO Wila-EPZ-2001-H49-T1a

DS R AT; R BE; R CH; R CY; R DE; R DK; R ES; R FI; R FR; R GB; R GR; R IE; R IT; R LI; R LU; R MC; R NL; R PT; R SE

PIT EPA1 EUROPÄISCHE PATENTANMELDUNG (Internationale Anmeldung)

PI EP 1160298 A1 20011205

OD 20011205

AI EP 1999-938556 19990820

PRAI JP 1998-249058 19980820

RLI WO 99-JP4493 990820 INTAKZ

WO 0011094 000302 INTPNR

IC ICM C09D127-12
ICS C09D005-00 C09D007-12

L4 ANSWER 2 OF 5 EUROPATFULL COPYRIGHT 2002 WILA

Full
 Text

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 1090936 EUROPATFULL ED 20010419 EW 200115 FS OS

TIEN FUNCTIONAL **FLUOROCOPOLYMER**.

TIDE FLUORCOPOLYMER MIT FUNKTIONELLEN GRUPPEN.

TIFR **FLUOROCOPOLYMORE** FONCTIONNEL.

IN TSUDA, Nobuhiko Yodogawa-seisakusho, Daikin Industries, Ltd. 1-1,
 Nishihitotsuya, Settsu-shi Osaka 566-8585, JP;
 KITAHARA, Takahiro Yodogawa-seisakusho, Daikin Industries, Ltd. 1-1,
 Nishihitotsuya, Settsu-shi Osaka 566-8585, JP;
 IWAKIRI, Ryuji, deceased, JP;
 NAGATO, Masaru Yodogawa-seisakusho, Daikin Industries, Ltd. 1-1,
 Nishihitotsuya, Settsu-shi Osaka 566-8585, JP;
 FUKAGAWA, Ryoichi Yodogawa-seisakusho, Daikin Industries Ltd. 1-1,
 Nishihitotsuya, Settsu-shi Osaka 566-8585, JP

PA Daikin Industries, Ltd., Umeda Center Building, 4-12, Nakazaki-nishi
 2-chome Kita-ku, Osaka-shi Osaka 530-8323, JP

SO Wila-EPZ-2001-H15-T1a

DS R FR; R GB; R IT

PIT EPA1 EUROPÄISCHE PATENTANMELDUNG (Internationale Anmeldung)

PI EP 1090936 A1 20010411

OD 20010411

AI EP 1999-917137 19990423

PRAI JP 1998-122384 19980501

RLI WO 99-JP2183 990423 INTAKZ
 WO 9957165 991111 INTPNR

IC ICM C08F214-26

ICI C08F214-26 C08F214:28 C08F210:02.
 C08F216:14

L4 ANSWER 3 OF 5 EUROPATFULL COPYRIGHT 2002 WILA

Full
Text

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 1090935 EUROPATFULL ED 20010419 EW 200115 FS OS
 TIEN **FLUOROCOPOLYMER AND COMPOSITION THEREOF.**
 TIDE FLUOROCOPOLYMER UND ZUSAMMENSETZUNG DARAUS.
 TIFR **FLUOROCOPOLYMORE ET COMPOSITION A BASE DE CELUI-CI.**
 IN MIWA, Tetsuya Asahi Glass Co. Ltd., 474-2, Tsukagoshi 3-chome Saiwai-ku,
 Kawasaki-shi Kanagawa 210-0924, JP;
 SAITO, Masayuki Asahi Glass Co. Ltd., 474-2, Tsukagoshi 3-chome
 Saiwai-ku, Kawasaki-shi Kanagawa 210-0924, JP;
 NAKAMURA, Junichi Asahi Glass Co. Ltd., 474-2, Tsukagoshi 3-chome
 Saiwai-ku, Kawasaki-shi Kanagawa 210-0924, JP;
 HONDA, Makoto Asahi Glass Co. Ltd., 474-2, Tsukagoshi 3-chome Saiwai-ku,
 Kawasaki-shi Kanagawa 210-0924, JP

PA ASAHI GLASS COMPANY LTD., 12-1, Yurakucho 1-chome, Chiyoda-ku, Tokyo
 100-8405, JP

SO Wila-EPZ-2001-H15-T1a

DS R DE; R FR; R GB; R IT

PIT EPA1 EUROPÄISCHE PATENTANMELDUNG (Internationale Anmeldung)

PI EP 1090935 A1 20010411

OD 20010411

AI EP 1999-910775 19990330

PRAI JP 1998-87043 19980331

RLI WO 99-JP1628 990330 INTAKZ
 WO 9950321 991007 INTPNR

IC ICM C08F214-26
 ICS C08F214-22 C08F214-08 C08F210-00 C08L027-18
 C08K005-14 C08K003-22 C08K005-17

L4 ANSWER 4 OF 5 EUROPATFULL COPYRIGHT 2002 WILA

Full
Text

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 451296 EUROPATFULL ED 20000730 EW 199142 FS OS STA B

TIEN **FLUOROCOPOLYMER AND PRODUCTION THEREOF.**
 TIDE FLUORPOLYMERE UND DEREN HERSTELLUNG.
 TIFR **FLUOROCOPOLYMORE ET SA FABRICATION.**
 IN KODAMA, Shun-ichi, 543, Sanmai-cho Kanagawa-ku, Yokohama-shi Kanagawa 221, JP;
 KAMBA, Motoi, 543, Sanmai-cho Kanagawa-ku, Yokohama-shi Kanagawa 221, JP;
 KIMURA, Isao, 4-27-16, Mihamura Urayasu-shi, Chiba 279, JP;
 CHIBA, Kazunori, 3-16-405, Sugita Isogo-ku, Yokohama-shi Kanagawa 235, JP
 PA ASAHI GLASS COMPANY LTD., 1-2, Marunouchi 2-chome, Chiyoda-ku Tokyo 100, JP
 SO Wila-EPZ-1991-H42-T1
 DS R DE; R FR; R GB; R IT
 PIT EPA1 EUROPÄISCHE PATENTANMELDUNG (Internationale Anmeldung)
 PI EP 451296 A1 19911016
 OD 19911016
 AI EP 1990-916073 19901102
PRAI JP 1989-285009 19891102
RLI WO 90-JP1427 901102 INTAKZ
 WO 9106584 910516 INTPNR
 IC ICM C08F214-18
 ICS C08F216-18 C08F218-04 C08G018-62 C08L027-12
 C08L029-10 C08L031-02 C09D127-12 C09D129-10
 C09D131-02 C09D175-04

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

AN 451296 EUROPATFULL UP 20010712 EW 199543 FS PS STA B
 TIEN **FLUOROCOPOLYMER AND PRODUCTION THEREOF.**
 TIDE FLUORPOLYMERE UND DEREN HERSTELLUNG.
 TIFR **FLUOROCOPOLYMORE ET SA FABRICATION.**
 IN KODAMA, Shun-ichi, 543, Sanmai-cho Kanagawa-ku, Yokohama-shi Kanagawa 221, JP;
 KAMBA, Motoi, 543, Sanmai-cho Kanagawa-ku, Yokohama-shi Kanagawa 221, JP;
 KIMURA, Isao, 4-27-16, Mihamura Urayasu-shi, Chiba 279, JP;
 CHIBA, Kazunori, 3-16-405, Sugita Isogo-ku, Yokohama-shi Kanagawa 235, JP
 PA ASAHI GLASS COMPANY LTD., 1-2, Marunouchi 2-chome, Chiyoda-ku Tokyo 100, JP
 SO Wila-EPS-1995-H43-T1
 DS R DE; R FR; R GB; R IT
 PIT EPB1 EUROPÄISCHE PATENTSCHRIFT (Internationale Anmeldung)
 PI EP 451296 B1 19951025
 OD 19911016
 AI EP 1990-916073 19901102
PRAI JP 1989-285009 19891102
RLI WO 90-JP1427 901102 INTAKZ
 WO 9106584 910516 INTPNR
REP EP 278026 A JP 1249839 A
 JP 5734107 A JP 61275311 A
 JP 62143915 A JP 62174213 A
 JP 63110265 A
 REN Surface Coatings Science & Technology, Swaraj Paul, Wiley & Sons
 pub.1986, pp 698-705
 IC ICM C08F214-18
 ICS C08F216-18 C08F218-04 C08G018-62 C08L027-12
 C08L029-10 C08L031-02 C09D127-12 C09D129-10
 C09D131-02 C09D175-04

L4 ANSWER 5 OF 5 USPATFULL

Full Text	Citing References
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AN 95:47799 USPATFULL
 TI Light-stabilised copolymer compositions as paint binders
 IN Valet, Andreas, Eimeldingen, Germany, Federal Republic of
 Meuwly, Roger, Marly, Switzerland
 Slongo, Mario, Tafers, Switzerland
 PA Ciba-Geigy Corporation, Ardsley, NY, United States (U.S. corporation)
 PI US 5420204 19950530
 AI US 1994-212671 19940311 (8)
 RLI Continuation of Ser. No. US 1992-916932, filed on 20 Jul 1992, now
 abandoned
 PRAI CH 1991-225391 19910729
 DT Utility
 FS Granted
 LN.CNT 724
 INCL INCLM: 525/125.000
 INCLS: 525/199.000; 525/220.000; 525/221.000; 525/222.000; 525/227.000;
 525/479.000; 525/157.000
 NCL NCLM: 525/125.000
 NCLS: 525/157.000; 525/199.000; 525/220.000; 525/221.000; 525/223.000;
 525/227.000; 525/479.000
 IC [6]
 ICM: C08F008-30
 ICS: C08F033-08; C08L033-10
 EXF 525/125; 525/199; 525/326.5; 525/220; 525/221; 525/222; 525/223;
 525/227; 525/454; 525/479; 525/157
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

=> s Tsuda, Nobuhiko/in
 L5 66 TSUDA, NOBUHIKO/IN

 => s 15 and fluorocopolymer#
 L6 7 L5 AND FLUOROCOPOLYMER#

 => d 16 1-7

L6 ANSWER 1 OF 7 EUROPATFULL COPYRIGHT 2002 WILA
 Full
 Text

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

AN 1090936 EUROPATFULL ED 20010419 EW 200115 FS OS
 TIEN FUNCTIONAL FLUOROCOPOLYMER.
 TIDE FLUOROCOPOLYMER MIT FUNKTIONELLEN GRUPPEN.
 TIFR FLUOROCOPOLYMORE FONCTIONNEL.
 IN TSUDA, Nobuhiko Yodogawa-seisakusho, Daikin Industries, Ltd. 1-1,
 Nishihitotsuya, Settsu-shi Osaka 566-8585, JP;
 KITAHARA, Takahiro Yodogawa-seisakusho, Daikin Industries, Ltd. 1-1,
 Nishihitotsuya, Settsu-shi Osaka 566-8585, JP;
 IWAKIRI, Ryuji, deceased, JP;
 NAGATO, Masaru Yodogawa-seisakusho, Daikin Industries, Ltd. 1-1,
 Nishihitotsuya, Settsu-shi Osaka 566-8585, JP;
 FUKAGAWA, Ryoichi Yodogawa-seisakusho, Daikin Industries Ltd. 1-1,
 Nishihitotsuya, Settsu-shi Osaka 566-8585, JP
 PA Daikin Industries, Ltd., Umeda Center Building, 4-12, Nakazaki-nishi
 2-chome Kita-ku, Osaka-shi Osaka 530-8323, JP
 SO Wila-EPZ-2001-H15-T1a
 DS R FR; R GB; R IT
 PIT EPA1 EUROPÄISCHE PATENTANMELDUNG (Internationale Anmeldung)
 PI EP 1090936 A1 20010411
 OD 20010411
 AI EP 1999-917137 19990423
 PRAI JP 1998-122384 19980501

<u>RLI</u>	<u>WO 99-JP2183</u>	990423 INTAKZ
	<u>WO 9957165</u>	991111 INTPNR
<u>IC</u>	<u>ICM C08F214-26</u>	
<u>ICI</u>	<u>C08F214-26</u>	<u>C08F214:28</u> <u>C08F210:02.</u>
		<u>C08F216:14</u>

L6 ANSWER 2 OF 7 EUROPATFULL COPYRIGHT 2002 WILA

Full
 Text

PATENT APPLICATION - PATENTANMELDUNG - DEMANDE DE BREVET

<u>AN</u>	748826 EUROPATFULL ED 19970307 EW 199651 FS OS
<u>TIEN</u>	AQUEOUS FLUOROCOPOLYMER DISPERSION.
<u>TIDE</u>	WAeSSRIGE FLUORCOPOLYMERISATDISPERSION.
<u>TIFR</u>	DISPERSION AQUEUSE DE FLUOROCOPOLYMER .
<u>IN</u>	ARAKI, Takayuki Yodogawa-Seisakusho, Daikin Industries, Ltd. 1-1, Nishihitotsuya, Settsu-shi Osaka 566, JP; TSUDA, Nobuhiko Yodogawa-Seisakusho, Daikin Industries, Ltd. 1-1, Nishihitotsuya, Settsu-shi Osaka 566, JP; YONEI, Yasushi Yodogawa-Seisakusho, Daikin Industries, Ltd. 1-1, Nishihitotsuya, Settsu-shi Osaka 566, JP
<u>PA</u>	DAIKIN INDUSTRIES, LIMITED, Umeda Center Building, 4-12 Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka-fu 530, JP
<u>SO</u>	Wila-EPZ-1996-H51-T1a
<u>DS</u>	R DE; R FR; R GB
<u>PIT</u>	EPA1 EUROPÄISCHE PATENTANMELDUNG (Internationale Anmeldung)
<u>PI</u>	<u>EP 748826</u> A1 19961218
<u>OD</u>	19961218
<u>AI</u>	<u>EP 1994-927056</u> 19940916
<u>RLI</u>	<u>WO 94-JP1530</u> 940916 INTAKZ <u>WO 9508582</u> 950330 INTPNR
<u>IC</u>	<u>ICM C08F259-08</u> <u>ICS C09D151-06</u>

GRANTED PATENT - ERTEILTES PATENT - BREVET DELIVRE

<u>AN</u>	748826 EUROPATFULL UP 20010622 EW 200124 FS PS
<u>TIEN</u>	AQUEOUS FLUOROCOPOLYMER DISPERSION.
<u>TIDE</u>	WAeSSRIGE FLUORCOPOLYMERISATDISPERSION.
<u>TIFR</u>	DISPERSION AQUEUSE DE FLUOROCOPOLYMER .
<u>IN</u>	ARAKI, Takayuki Yodogawa-Seisakusho, Daikin Industries, Ltd. 1-1, Nishihitotsuya, Settsu-shi Osaka 566, JP; TSUDA, Nobuhiko Yodogawa-Seisakusho, Daikin Industries, Ltd. 1-1, Nishihitotsuya, Settsu-shi Osaka 566, JP; YONEI, Yasushi Yodogawa-Seisakusho, Daikin Industries, Ltd. 1-1, Nishihitotsuya, Settsu-shi Osaka 566, JP
<u>PA</u>	DAIKIN INDUSTRIES, LIMITED, Umeda Center Building, 4-12 Nakazaki-nishi 2-chome, Kita-ku, Osaka-shi, Osaka-fu 530, JP
<u>SO</u>	Wila-EPS-2001-H24-T1
<u>DS</u>	R DE; R FR; R GB
<u>PIT</u>	EPB1 EUROPÄISCHE PATENTSCHRIFT (Internationale Anmeldung)
<u>PI</u>	<u>EP 748826</u> B1 20010613
<u>OD</u>	19961218
<u>AI</u>	<u>EP 1994-927056</u> 19940916
<u>PRAI</u>	<u>JP 1993-52364</u> 19930922
<u>RLI</u>	<u>WO 94-JP1530</u> 940916 INTAKZ <u>WO 9508582</u> 950330 INTPNR
<u>REP</u>	<u>EP 428133 A</u> <u>EP 467570 A</u> <u>EP 481372 A</u> <u>JP 2274711 A</u> <u>JP 3007784 A</u> <u>JP 4189879 A</u> <u>JP 4248821 A</u> <u>JP 4325509 A</u>
<u>IC</u>	<u>ICM C08F259-08</u> <u>ICS C09D151-06</u>

L6 ANSWER 3 OF 7 PCTFULL COPYRIGHT 2002 MicroPatent

Full
Text

AN 2001025346 PCTFULL ED 20010502 EW 200115
 TIEN HIGHLY WEATHERING-RESISTANT POWDER COATING COMPOSITION
 TIFR COMPOSITION DE REVETEMENT PULVERULENT A RESISTANCE AUX INTEMPERIES
 ELEVEES
 IN TSUDA, Nobuhiko; IWAKIRI, Ryuji; FUKAGAWA, Ryoichi; TANO, Keisuke;
 TANIZAWA, Daisuke
 PA DAIKIN INDUSTRIES, LTD.
 AG ASAHIWA, Sohta
 LA Japanese
 LAF Japanese
 DT Patent
 PI WO 2001025346 A1 20010412
 DS AU CN JP KR US AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
 AI WO 1999-JP5460 19991004
 ICM C09D005-03
 ICS C09D127-12; E06B001-34

L6 ANSWER 4 OF 7 PCTFULL COPYRIGHT 2002 MicroPatent

Full
Text

AN 2000069983 PCTFULL ED 20001211 EW 200047
 TIEN THERMOSETTING POWDER COATING COMPOSITION
 TIFR MATIERE DE REVETEMENT EN POUDRE THERMODURCISSABLE
 IN IWAKIRI, Ryuji; TSUDA, Nobuhiko; NAGATO, Masaru; FUKAGAWA, Ryoichi;
 NAGAI, Go; TANO, Keisuke; TANIZAWA, Daisuke
 PA DAIKIN INDUSTRIES, LTD.; IWAKIRI, Miyuki
 LA Japanese
 LAF Japanese
 DT Patent
 PI WO 2000069983 A1 20001123
 DS US AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
 AI WO 2000-JP3010 20000511
 PRAIO JP 1999-11/132604 19990513
 ICM C09D175-04
 ICS C09D127-12; C09D005-03

L6 ANSWER 5 OF 7 PCTFULL COPYRIGHT 2002 MicroPatent

Full
Text

AN 1999057208 PCTFULL
 TIEN THERMOSETTING POWDER COATING COMPOSITION
 TIFR COMPOSITION DE REVETEMENT A BASE DE POUDRE TEHRMODURCISSABLE
 IN TSUDA, Nobuhiko; KITAHARA, Takahiro; IWAKIRI, Ryuji; NAGATO, Masaru;
 FUKAGAWA, Ryoichi; NAGAI, Go
 PA DAIKIN INDUSTRIES, LTD.
 LA Japanese
 LAF Japanese
 DT Patent
 PI WO 9957208 A1 19991111
 DS AU CA CN KR US AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
 AI WO 1999-JP2184 19990423
 PRAIO JP 1998-10/122383 19980501
 JP 1998-10/266550 19980921
 ICM C09D005-03

L6 ANSWER 6 OF 7 PCTFULL COPYRIGHT 2002 MicroPatent

Full
Text

AN 1999057165 PCTFULL

TIEN FUNCTIONAL FLUOROCOPOLYMER
TIFR FLUOROCOPOLYMERE FONCTIONNEL
IN TSUDA, Nobuhiko; KITAHARA, Takahiro; IWAKIRI, Ryuji; NAGATO, Masaru;
FUKAGAWA, Ryoichi
PA DAIKIN INDUSTRIES, LTD.
LA Japanese
LAF Japanese
DT Patent
PI WO 9957165 A1 19991111
DS CN US AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
AI WO 1999-JP2183 19990423
PRAIO JP 1998-10/122384 19980501
ICM C08F214-26
ICS C08F214-26; C08F210-02; C08F216-14

L6 ANSWER 7 OF 7 PCTFULL COPYRIGHT 2002 MicroPatent

Full
Text

AN 1995008582 PCTFULL
TIEN AQUEOUS FLUOROCOPOLYMER DISPERSION
TIFR DISPERSION AQUEUSE DE FLUOROCOPOLYMERE
IN ARAKI, Takayuki; TSUDA, Nobuhiko; YONEI, Yasushi
PA DAIKIN INDUSTRIES, LTD.; ARAKI, Takayuki; TSUDA, Nobuhiko; YONEI, Yasushi
LA Japanese
DT Patent
PI WO 9508582 A1 19950330
DS JP KR US AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE
AI WO 1994-JP1530 19940916
PRAIO JP 1993-5/236493 19930922
ICM C08F259-08
ICS C09D151-06

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